

16CT03006

CORRECTION COEFFICIENT CALCULATING METHOD FOR X-RAY CT
SYSTEMS, BEAM HARDENING POST-PROCESSING METHOD
THEREFOR, AND X-RAY CT SYSTEM

5 ABSTRACT

An object of the present invention is to calculate a more accurate beam-hardening correction coefficient. A phantom having an oblong section or a phantom having an annular (sector) section and a uniform thickness is positioned in an X-ray
10 CT system, and scanned from plural directions in order to acquire a plurality of views. The results of the scan are used to calculate a correction coefficient that is used to correct projection information to be acquired from a subject.